



Washington Department of Fish and Wildlife

Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: <https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about>

Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment that is subject to change. Fish passage data are also collected from a variety of agencies and sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy, completeness, or the results obtained from use of the data. WDFW assumes no liability for the data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: <https://wdfw.wa.gov/publications/02061>
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

NFB = no potential salmonid use, **BB** = both banks, **LB** = left bank looking downstream, **RB** = right bank looking downstream, **US** or **U/S** = upstream, **DS** or **D/S** = downstream, **WSDrop** = water surface drop, **BFW** = bankfull width, **OHW** = ordinary high water, **SLW** = scour line width, **CMP** = corrugated metal pipe, **Q_{fp}** = fish passage flow, **V&D** = Velocity and Depth, **ROW** = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

WDFW Fish Passage and Diversion Screening Inventory Database

Site Description Report

Site ID

Project

☐ Mitigated

Geographic Coordinates

Latitude (WGS 84):	<input type="text" value="47.699621"/>
Longitude (WGS 84):	<input type="text" value="-122.645765"/>
East (NAD 83 HARN):	<input type="text" value="1,112,029.8"/>
North (NAD 83 HARN):	<input type="text" value="870,165.8"/>

Waterbody

Stream:	<input type="text" value="unnamed"/>
Tributary To:	<input type="text" value="Puget Sound"/>
WRIA:	<input type="text" value="15.0278"/>
River Mile:	<input type="text" value="-999.99"/>
Fish Use Potential:	<input type="text" value="Yes"/>
FUP Criteria:	<input type="text" value="Physical"/>

General Location

Road Name:	<input type="text" value="SR 308"/>
Mile Post:	<input type="text" value="2.16"/>
County:	<input type="text" value="Kitsap"/>
WDFW Region:	<input type="text" value="6"/>

Owner

Type:	<input type="text" value="State"/>
Name:	<input type="text" value="Washington State Department of Transportation"/>

PI Species

<input type="checkbox"/> Sockeye	<input type="checkbox"/> Chinook	<input checked="" type="checkbox"/> Sea Run Cutthroat
<input type="checkbox"/> Pink	<input checked="" type="checkbox"/> Coho	<input checked="" type="checkbox"/> Resident Trout
<input checked="" type="checkbox"/> Chum	<input checked="" type="checkbox"/> Steelhead	<input type="checkbox"/> Bull Trout

Associated Features

<input checked="" type="checkbox"/> Culvert	<input type="checkbox"/> Dam	<input type="checkbox"/> Natural Barrier	<input type="checkbox"/> Diversion
<input type="checkbox"/> Non-Culvert Xing	<input type="checkbox"/> Other	<input type="checkbox"/> Fishway	

Location/Directions

Site Comments

Type 3 water upstream (1998 DNR water type data).

11/19/2021

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WDFW Fish Passage and Diversion Screening Inventory Database

Level A Culvert Assessment Report

Site ID: 991000	Stream: unnamed	WRIA: 15.0278
Latitude: 47.699621	Tributary To: Puget Sound	Fish Use Potential: Yes
Longitude: -122.645765		

Data Source:	Washington Department of Fish and Wildlife	
Field Crew:	Kunz;Taylor	Review Date: 10/20/2004

Culvert Details								Level A Parameters					
ID	Shape	Material	Span	Rise	Length	WDIC	Apron	WSDrop	Location	Countersunk	Backwater	Slope (%)	Sediment
1.1	RND	PCC	0.76	0.76	34.10	0.76	US	0.00		Yes		2.43	
All dimensions in meters													

Channel Description	
Toe Width (m):	1
Average Width (m):	-99.99
Culvert/Stream Width Ratio:	0.76
Plunge Pool	
Length (m):	-999.99
Max Depth (m):	-99.99
OHW Width (m):	-999.99
Road	
Fill Depth (m):	3.00



Assessment Results		Tidal Influence:		Tidegate Present:	No
Barrier:	Yes	Passability (%):	0	Method:	Level A
Reason:	Slope	Fishway Present:	No	Recheck:	LA

Comments

Potential Habitat Gain					
Survey Type:	RSFS	Spawning (sq m):	433	Length (m):	1,576
Significant Reach:	Yes	Rearing (sq m):	1,934	PI Total	15.98

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WDFW Fish Passage and Diversion Screening Inventory Database

Habitat Survey Summary Report

Site ID: **991000**

Latitude: **47.699621** Longitude: **-122.645765** WRIA: **15.0278**

Stream: **unnamed** Tributary To: **Puget Sound** PI Total: **15.98**

Survey Type

Spreadsheet File(s):

991000.xls

Downstream Survey

Date: Crew: Length (m):

Downstream Comments:

130m DS is barrier culvert 996938. Habitat between is moderately impacted, but still has production value for SCT and smaller SH. Coho and Chum spawning would depend of good flows. 431m DS barrier site 999402, in tidal influence.

Upstream Survey

Date: Crew: Length (m):

Upstream Comments:

Add Barr is 79m US under Pvt drive, 996939. Water quality is good, high amounts of silt. Canopy 80%, gradient between 3-12%. 1331m US barrier culvert 999403.

Potential Habitat Gain

Lineal (m):

Spawning Area (sq m):

Rearing Area (sq m):

Distribution

- ☒ Anadromous
☐ Resident Only
☐ Unknown

Gain Direction (Resident Only):

Potential Species Benefit

☐ Sockeye / Kokanee

☐ Chinook

☒ Searun Cutthroat

☐ Pink

☒ Coho

☒ Resident Trout

☒ Chum

☒ Steelhead

☐ Bull Trout

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WDFW Fish Passage and Diversion Screening Inventory Database

Barrier Priority Index Report

Site ID: 991000

Stream	<input type="text" value="unnamed"/>	Trib To	<input type="text" value="Puget Sound"/>	WRIA	<input type="text" value="15.0278"/>
Habitat (H) Estimation Method			<input type="text" value="RSFS"/>		

	B	H	M	D	C	Species PI
Sockeye	<input type="text"/>	<input type="text"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="0.00"/>
Pink	<input type="text"/>	<input type="text"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="0.00"/>
Chum	<input type="text" value="1"/>	<input type="text" value="160"/>	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="4.47"/>
Coho	<input type="text" value="1"/>	<input type="text" value="1,573"/>	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="3.54"/>
Chinook	<input type="text"/>	<input type="text"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="0.00"/>
Steelhead	<input type="text" value="1"/>	<input type="text" value="1,726"/>	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1.64"/>
Searun Cutthroat	<input type="text" value="1"/>	<input type="text" value="1,726"/>	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="3.36"/>
Resident Trout	<input type="text" value="1"/>	<input type="text" value="1,934"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="2.97"/>
Dolly/Bull Trout	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="0.00"/>
	TOTAL PI					<input type="text" value="15.98"/>

B = proportion of fish passage improvement (1, 0.67, 0.33).

H = potential habitat gain (square meters), spawning habitat for sockeye, pink and chum, rearing habitat for the rest.

M= mobility modifier (anadromous = 2, resident = 1).

D = stock condition modifier (critical = 3, depressed = 2, not 2 or 3 = 1).

C= repair cost modifier (<\$100K = 3, \$100K - \$500K = 2, >\$500K = 1).

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WDFW Fish Passage and Diversion Screening Inventory Database

Image Report - Active

Site ID: 991000

Latitude: 47.699621

Longitude: -122.645765

Stream: unnamed

Tributary To: Puget Sound

WRIA:

15.0278

Fish Use Potential:

Yes

Associated Features

☒ Culvert

☐ Dam

☐ Natural Barrier

☐ Diversion

☐ Non-Culvert Xing

☐ Other

☐ Fishway



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